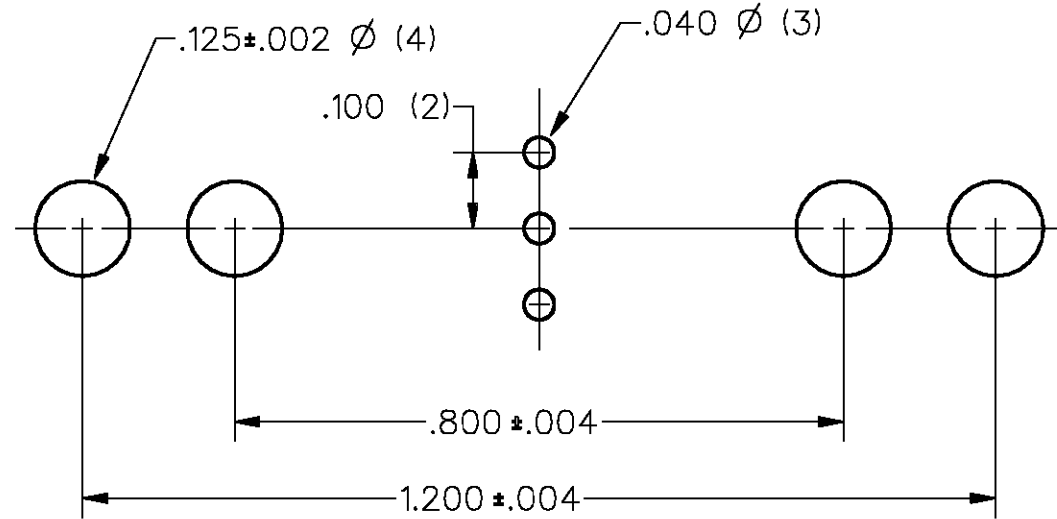


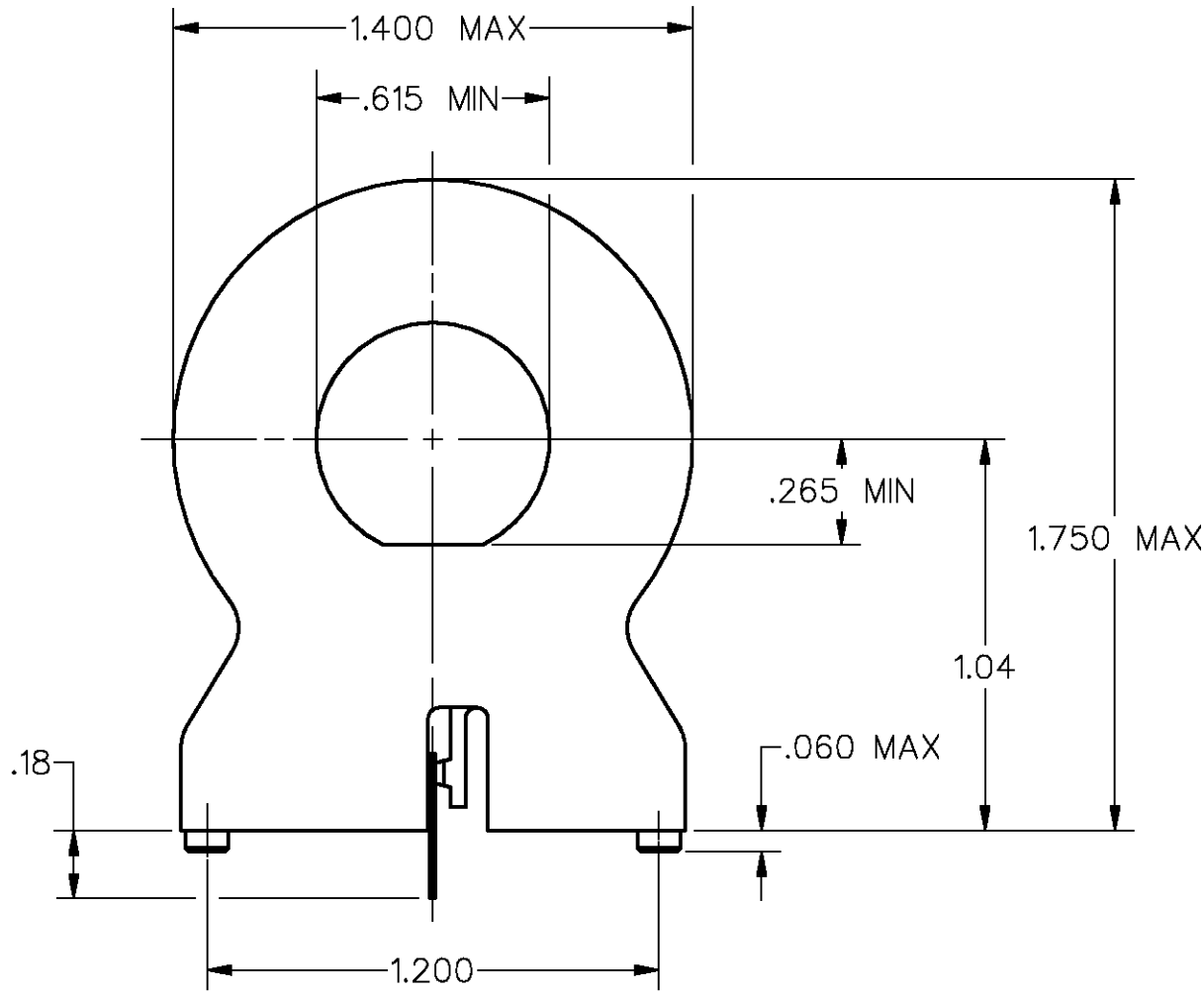
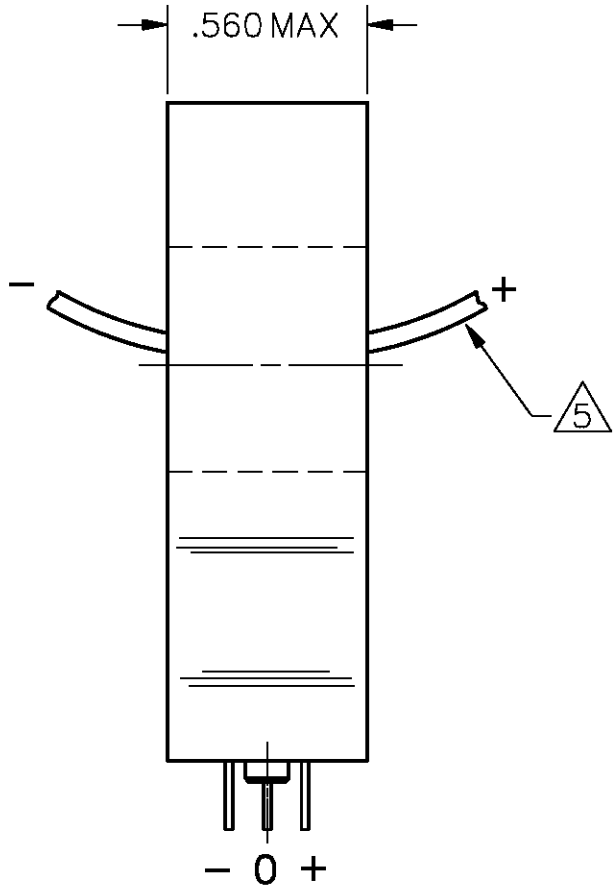
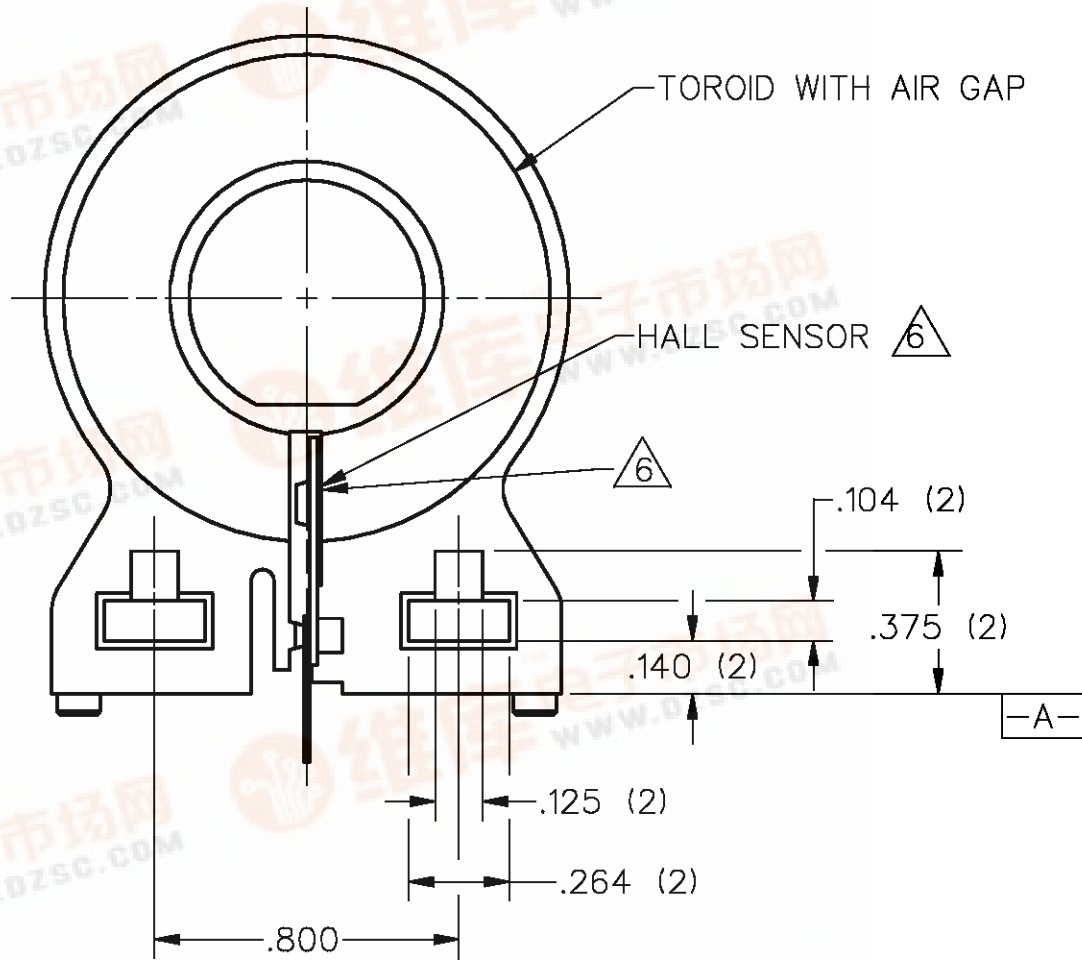
CHARACTERISTICS

| PARAMETER               | MIN       | TYP | MAX       | UNITS     | CONDITIONS/REMARKS                                 |
|-------------------------|-----------|-----|-----------|-----------|----------------------------------------------------|
| SUPPLY VOLTAGE          | 5.4       | 8.0 | 13.2      | VOLTS     | -25°C TO 85°C                                      |
| SUPPLY CURRENT          |           | 13  | 20        | mA        | MAX @ -25°C, TYP @ 25°C, Vs=8.0V, EXCLUDES LOAD    |
| OUTPUT CURRENT          | 1         |     |           | mA        | SINKING OR SOURCING                                |
| OUTPUT VOLTAGE SWING    | (-V)+1.25 |     | (+V)-1.25 | VOLTS     | MAX CLAMPED @ 9.0 VOLTS MIN                        |
| SENSITIVITY             | 8.7       |     | 10.9      | mV/NI     | @ Vs=8.0V & 25°C $\Delta 5$                        |
| LINEARITY               |           | .5  | 1.0       | % OF SPAN | DEV FROM STR LINE FROM -I MAX TO +I MAX $\Delta 1$ |
| Vout @ $\emptyset$ NULL | .5(Vs)-2% |     | .5(Vs)+2% | VOLTS     | 25°C                                               |
| TEMP ERROR-NUL          | -.013     |     | +.013     | %/°C      | -25°C TO 85°C                                      |
| TEMP ERROR-GAIN         | -.06      |     | +.01      | 5/°C      | -25°C TO 85°C                                      |

M CSLA2DH

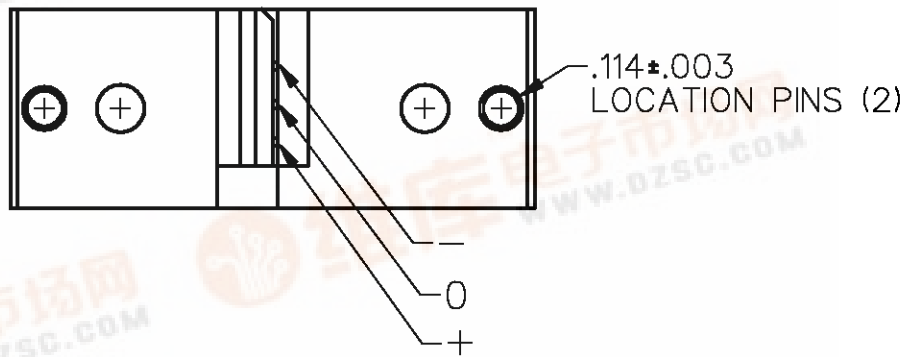


SUGGESTED HOLE CENTERS  
SCALE 4:1



NOTES

- 1 - SUGGESTED I MAX FOR LINEAR OPERATION IS 235 AMPS
- 2 - RECOMMENDED MOUNTING IS 4-40 SQUARE NUT AND .375 LONG 4-40 SCREW
- 3 - CONVENTIONAL CURRENT FLOW IN DIRECTION INDICATED WILL CAUSE AN INCREASE IN OUTPUT VOLTAGE
- 4 - THE DEVICE CANNOT BE DAMAGED BY MAGNETIC OVERDRIVE
- 5 - AT Vs OTHER THAN 8.0 VOLTS, SENSITIVITY = (NUMBER SHOWN) X Vs/8
- 6 - BACKSIDE OF HALL SENSOR IS ELECTRICALLY CONNECTED TO THE "-" TERMINAL



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CURRENT SENSOR

CATALOG LISTING  
CSLA2DH

| THIRD ANGLE PROJECTION                    |        |       |  |
|-------------------------------------------|--------|-------|--|
| SCALE 2 : 1                               |        |       |  |
| DO NOT SCALE PRINT                        |        |       |  |
| UNLESS OTHERWISE SPECIFIED TOLERANCES ARE |        |       |  |
| ONE PLACE                                 | (.0)   | ±.030 |  |
| TWO PLACES                                | (.00)  | ±.015 |  |
| THREE PLACES                              | (.000) | ±.005 |  |
| ANGLES                                    |        | ±     |  |